



# CITY OF LODI COUNCIL COMMUNICATION

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**AGENDA TITLE:** Approve Plans and Specifications and Authorize Advertisement for Bids for Heating, Ventilation, and Air Conditioning (HVAC) Installation Project for Lodi Public Library

**MEETING DATE:** July 2, 2008

**PREPARED BY:** Public Works Director

**RECOMMENDED ACTION:** Approve plans and specifications and authorize advertisement for bids for the Heating, Ventilation, and Air Conditioning (HVAC) Installation Project for the Lodi Public Library.

**BACKGROUND INFORMATION:** The Library's Heating, Ventilation, and Air Conditioning (HVAC) system is scheduled for replacement beginning in October 2008. Specifications and advertising for bid for the HVAC equipment was approved at the June 18 Council meeting. The installation project consists of installing the new energy efficient 120-ton chiller, cooling tower, tower filter, boiler, and plate and frame heat exchanger that will be needed to replace the Library's aging HVAC system. It also includes modifying/replacing ductwork, variable air volume (VAV) boxes and diffusers, replacing supply air fans, adding variable frequency drives, replacing pumps, and coordinating the installation of a total temperature controls energy management system (EMS).

The equipment was bid separately from the installation contract in order to meet the City's schedule for fall installation, to accommodate the eight to ten week lead time necessary in procuring the equipment, and to save an estimated 15-20% mark-up that would be added if the equipment was otherwise provided by the installation contractor.

The specifications are on file in the Public Works Department.

**FISCAL IMPACT:** Replacing the HVAC system will save operational costs currently associated with the outdated, failing HVAC equipment. In addition, energy consumptions savings of over \$40,000 per year are anticipated over the 25-year life of the new HVAC system. Having the equipment as "Owner Supplied" in the HVAC Installation contract will save the City of Lodi the typical contractor mark-up.

**FUNDING AVAILABLE:** The money for this project is budgeted in the Library Renovations Phase I Fund (211813).

Project Estimate:	\$300,000
Budgeted:	2008/09 fiscal year
Planned Bid Opening Date:	August 13, 2008

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F. Wally Sandelin  
Public Works Director

Prepared by Dennis J. Callahan, Fleet and Facilities Manager  
FWS/DJC/pmf

cc: Purchasing  
Wes Fujitani, Senior Civil Engineer

Nancy Martinez, Library Services Director  
Fred Rolfes, Rolfes Engineering, Inc.

**APPROVED:** \_\_\_\_\_  
Blair King, City Manager